PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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	Application Number	10/511,531							
TRANSMITTAL	Filing Date	10/15/2004	1						
FORM	First Named Inventor	K. TAKASI	HIMA .						
	Art Unit	tba							
(to be used for all correspondence after initial	Examiner Name	tba							
	Attorney Docket Number	3041 US0F	· · · · · · · · · · · · · · · · · · ·						
ENCLOSURES (Check all that apply)									
Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Reply to Missing Parts/ Incomplete Application  Reply to Missing Parts under 37 CFR 1.52 or 1.53	Drawing(s)  Licensing-related Papers  Petition Petition to Convert to a Provisional Application Power of Attorney, Revocatio Change of Correspondence A Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CD Remarks The Commissioner is hereby authoriz or credit any overpayment to Deposit	Address	Appea of Appea (Appea (Appea Propriation )  Status Other below Return Post Certificate of Forms PTO Cited Reference page any additional page any a	card f Express Mailing /SB/08A and SB/08B ences (11)					
SIGNA	TURE OF APPLICANT, ATTO	RNEY, C	R AGENT						
Firm Name Takeda Pharmaceuticals	North America, Inc.			,					
Signature									
Printed name Mark Chao									
Date //W/D	)	Reg. No.	37,293						
CERTIFICATE OF TRANSMISSION/MAILING									
I hereby certify that this correspondence is b sufficient postage as first class mail in an en- the date shown below:	eing facsimile transmitted to the USPT velope addressed to: Commissioner fo	O or depos r Patents, F	ited with the Ur P.O. Box 1450,	nited States Postal Service with Alexandria, VA 22313-1450 on					
Signature dayl	L. Winakin		-						
Typed or printed name Gail L. Winokur			Date	1/12/2004					

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Enforces Mail No. EV 524907031 US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/511,531

Filed:

October 15, 2004

1<sup>st</sup> Inventor:

Katsunori TAKASHIMA

For:

Preventives for HIV Infection

Atty. Dkt. No.

3041 US0P

Art Unit:

tba

Examiner:

tba

Allowed:

Batch:

Paper No.:

# **CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10**

#### USPS EXPRESS MAIL LABEL. No. EV 524907031 US

**DATE IN:** 

January 12, 2005

## Itemized Papers/Items:

- 1. This Certificate of Express Mailing and Return Postcard (2 pages)
- 2. Transmittal Form (1 page X 2)
- 3. Information Disclosure Statement (1 page) with Forms PTO SB/08A and SB/08B (3 pages), and cited references (11)

The undersigned hereby certifies that the above itemized papers are together being deposited with the Express Mail Post Office to Addressee service of the United States Postal Service (USPS) in an envelope with sufficient postage, having the USPS Express Mail Label No. shown above, and addressed to:

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Commissioner for Patents

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Arlington, VA 22313-1450

on this date, 1/12/05

Dated: 1/12/05

Takeda Pharmaceuticals North America, Inc. Intellectual Property Department 475 Half Day Road

Lincolnshire, IL 60069 USA

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Application No.:

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Art Unit:

tba

Examiner:

tba

Allowed:

Batch

Paper No.:

# **Information Disclosure Statement**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, 1.97 and 1.98, Applicants request consideration of the references listed on the attached Form PTO/SB/08A and PTO/SB/08B. A legible copy of each listed reference is herewith being provided to the Examiner.

This Information Disclosure Statement is being submitted within 3 months of the filing date of the above-identified application, and before the mailing date of the first Office Action on the merits, thus, no certification or fee is required.

Applicants respectfully request that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of the attached form PTO/SB/08A be returned in accordance with MPEP §609.

Should the Examiner believe that a conference with Applicants' attorney would advance prosecution of this application, the Examiner is respectfully requested to call Applicants' attorney.

Dated:

(847) 383-3372

(847) 383-3391

Respectfully submitted

Mark Chao, Ph.D., Reg. No. 37,293

Elaine M. Ramesh, Ph.D., Reg. No. 43,032

Attorney for Applicants Customer No. 23115

Takeda Pharmaceuticals North America, Inc. Intellectual Property Department 475 Half Day Road Lincolnshire, IL 60069 USA

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Complete if Known Substitute for form 1449/PTO **Application Number** 10/511,531 Filing Date 10/15/2004 INFORMATION DISCLOSURE First Named Inventor Katsunori TAKASHIMA STATEMENT BY APPLICANT Art Unit tba (Use as many sheets as necessary) **Examiner Name** tba Attorney Docket Number 3041 US0P Sheet 1

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	<sup>US-</sup> 6,562,978 B1	05/13/2003	Shinichi Imamura, et al.	
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FOREIGN PATENT DOCUMENTS								
Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	1			
A2	WO 99/32468	07/01/1999	Takeda Chemical Industries					
A3	WO 99/32100	07/01/1999	Takeda Chemical Industries		Г			
A4	WO 00/37455	06/29/2000	Takeda Chemical Industries		Γ			
A5	EP 1182195 A1	02/27/2002	Takeda Chemical Industries					
A6	WO 00/10965	03/02/2000	Takeda Chemical Industries					
A7	EP 1186604 A1	03/13/2002	Takeda Chemical Industries					

Examiner	Date	
Signature	Consider	ed

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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Complete if Known Substitute for form 1449/PTO **Application Number** 10/511,531 Filing Date 10/15/2004 INFORMATION DISCLOSURE First Named Inventor Katsunori TAKASHIMA STATEMENT BY APPLICANT Art Unit tba (Use as many sheets as necessary) Examiner Name tba Attorney Docket Number 3041 US0P Sheet 2

U. S. PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
		Number-Kind Code <sup>2 (# known)</sup>			Figures Appear			
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Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages
	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear
A8	EP 1180513 A1	02/20/2002	Takeda Chemical Industries	
 A9	EP 1219605 A1	07/03/2002	Takeda Chemical Industries	
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Examiner	Date	
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Substitu	ite for form 1449/PTO			Complete if Known		
				Application Number	10/511,531	
			CLOSURE	Filing Date	10/15/2004	
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Katsunori TAKASHIMA	
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Sheet	3	of	3	Attorney Docket Number	3041 US0P .	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A10	MASANORI BABA, et al., "A Small-molecule, Nonpeptide CCR5 Antagonist with Highly Potent and Selective Anti-HIV-1 Activity", Proc. Natl. Acad. Sci. USA, (1999), pp. 5698-5703, Vol. 96.	
	A11	MITSURU SHIRAISHI, et al., "Discovery of Novel, Potent, and Selective Small-molecule CCR% Antagonists as Anti-HIV-1 Agent: Synthesis and Biolological Evaluation of Anilide Derivatives with a Quaternary Ammonium Moiety", J. Med. Chem., (2000), pp. 2049-2063, Vol. 43.	

Examiner	··········	Date	
Signature		Considered	

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.